

FLOTATION METHOD OF PULVERIZED COAL, PULVERIZED COAL SURFACE MODIFICATION APPARATUS, AND FLOTATION SYSTEM OF PULVERIZED COAL

Publication number: JP2004141797

Publication date: 2004-05-20

Inventor: MURATA TOSHIKI; ABE KAZUO; KIMOTO KOSUKE

Applicant: MITSUI SHIPBUILDING ENG

Classification:

- International: B03D1/06; B01F7/02; B03D1/001; B03D1/14; C10L5/00; B03D1/00; B01F7/02; B03D1/001; B03D1/14; C10L5/00; (IPC1-7): B03D1/06; B01F7/02; B03D1/001; B03D1/14; C10L5/00

- European:

Application number: JP20020311080 20021025

Priority number(s): JP20020311080 20021025

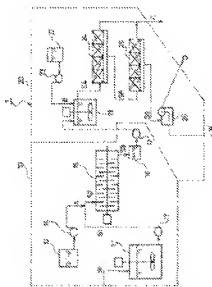
Report a data error here

Abstract of JP2004141797

PROBLEM TO BE SOLVED: To provide a flotation method or the like of pulverized coal capable of imparting floating a property even to pulverized coal whose bonding force to oil drops is weak, that is $[H/C \cdot 100]$ value is ≤ 80 , to be impossible to apply the flotation method heretofore thereby applying the flotation method, and reducing the quality of oil to be used in a pulverized coal precipitation.

SOLUTION: The flotation method of coal for recovering the pulverized coal (c) from coal slurry S2 containing fine powdery coal having $[H/C \cdot 100]$ value of 0-80 and ≤ 0.5 mm particle diameter is constituted so as to include a oil addition process for adding flotation oil A to the coal slurry S2, a shearing process for rapidly stirring the coal slurry S2 to impart a shearing force to the pulverized coal and the oil drops (a) of the flotation oil A and a flotation process for floating the pulverized coal (c) after the shearing process to clean and recover.

COPYRIGHT: (C) 2004, JPO



.....
Data supplied from the **esp@cenet** database - Worldwide